

BASF
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Basagran

Reg. No. L2916; N-AR 0802

Act No. 36 of 1947

**READ ATTACHED PACKAGE OR LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

GROUP	6	HERBICIDE
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A water soluble solution contact herbicide, for the post-emergent control of certain broadleaf weeds and yellow nutsedge in beans, groundnuts, soya beans, peas, maize, grain sorghum, small grain, potatoes, chillies, peppers and paprika.

'n Wateroplosbare vloeistof kontakkonkruiddoder, vir na-opkomsbeheer van sekere breëblaaronkruid en geeluintjies in bone, grondbone, sojabone, erfjies, mielies, graansorghum, kleingraan en aartappels, paprika, rooirissies en groenrissies.

WARNING

Causes eye irritation.
Harmful if swallowed.
May cause an allergic skin reaction.
Harmful to aquatic life.
Wear protective gloves/clothing/eye protection.
Do not eat, drink or smoke when using this product.



Active ingredients / Aktiewe bestanddele:

Bendioxide (thiadiazine).....480 g/l

Registered by:

BASF South Africa (Pty) Ltd
Co. Reg. No. 66/10235/07
852 Sixteenth Road
P.O. Box 2801
Halfway House 1685
+27 11 203 2400

Geregistreer deur:

BASF Suid-Afrika (Edms) Bpk
Mpy Reg. Nr 66/10235/07
852 Sesiende Laan
Posbus 2801
Halfweghuis 1685
+27 11 203 2400



81164032 ZA 2092



Batch No. & Date manufactured: Refer to details printed on container
Lotnommer & Datum vervaardig: Verwys na besonderhede gedruk op houer

EMERGENCY NUMBER / NOODNOMMER: +27 82 446 8946

5 l

ENGLISH

WARNINGS

Hazard Statements:

- Causes eye irritation.
 - Harmful if swallowed.
 - May cause an allergic skin reaction.
 - Harmful to aquatic life.
- Store in a cool dry place away from food, feed and seed.
 - Keep out of reach of children, uninformed persons and animals.
 - Crop injury may occur, if land treated with a mixture of **Basagran**[®] and atrazine, is planted to any crop other than maize, in the same season.
 - **Basagran**[®] should preferably not be applied to leguminous crops that were planted with an organophosphate insecticide granular formulation, as a combination of these products may cause damage to the crop. Consult the supplier for advice.
 - RE_ENTRY INTERVAL: Do not enter area within 1 day after treatment unless wearing protective clothing.

Although this remedy has been tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label, and the occurrence of resistance of the weeds against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

Precautionary Statements

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Do not eat, drink or smoke when using this product.
- Wash contaminated body parts thoroughly after handling
- Wear protective gloves/clothing/eye protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical attention.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Rinse mouth.
- Take off contaminated clothing and wash it before reuse.
- If eye irritation persists: Get medical attention.
- Dispose of contents and container to hazardous or special waste collection point.
- Prevent spray drift onto other susceptible crops, grazing, rivers and dams.
- Wash out applicator with clean water before using with other remedies.
- TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Prevent contamination of food, feed, drinking water and eating utensils.

RELEVANT SUBSTANCES

Hazardous ingredients According to UN GHS criteria	CAS number	Concentration (W/W)
3-Isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide, sodium salt	50723-80-3	44 %

FIRST AID TREATMENT

Remove contaminated clothing.

ON CONTACT WITH EYES:	Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
ON INGESTION:	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
ON SKIN CONTACT:	Wash thoroughly with soap and water.
IF INHALED:	Keep patient calm, remove to fresh air, seek medical attention.

Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

RESISTANCE WARNING

For resistance management, Basagran® is a HRAC Group Code 6 herbicide. Any weed population may contain individuals naturally resistant to Basagran® and other Group Code 6 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly and exclusively in programmes. These resistant weeds may not be controlled by Basagran® or any other Group Code 6 herbicides.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same Herbicide Group Code. Alternate or tank-mix with products from different Herbicide Group Codes.
- For tank mixing or alternation with products in other Herbicide Group Codes, refer to applicable individual product labels.
- Integrate other control methods (chemical and cultural) into weed control programmes.

FOR SPECIFIC INFORMATION ON RESISTANCE MANAGEMENT, CONTACT THE REGISTRATION HOLDER, BASF SOUTH AFRICA (Pty) Ltd.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

USE RESTRICTIONS

- Do not use Basagran® if danger of frost is imminent and/or if the crop is under cold stress.
- Grasses and red nutsedge (*Cyperus rotundus*), are not controlled with Basagran®.

Compatibility:

Basagran® is compatible with atrazine 500 g/l SC.

Applications:

Apply **Basagran®** early post-emergent, when weeds are young and growing actively. **Basagran®** is a contact herbicide, therefore thorough wetting of the weeds is essential. Rainfall or overhead irrigation within eight hours after application, may nullify the effect of **Basagran®**. Apply **Basagran®** in a minimum of 300 l water/ha. Use hollow cone – or flat fan nozzles, with a minimum spray pressure of 350 kPa.

Recommendations for broadleaf weed control:

- Warm and humid weather conditions are necessary for good weed control. Drought conditions before, during and after application, will result in poor weed control.
- Weeds and nutsedge tubers, which have not germinated at the time of spraying, will not be controlled, therefore late germinating weeds require re-spraying.

NOTE 1

Yellow nutsedge control:

- Control of yellow nutsedge (*Cyperus esculentus*) can only be achieved if favourable conditions prevail before and during the time of spraying, i.e. warm, humid weather (relative humidity not under 65%) and adequate soil moisture for optimum plant growth. The majority of yellow nutsedge plants should be beyond the 4-leaf stage at the time of spraying.
- A minimum rate of 3 l **Basagran®**/ha should be sprayed in not less than 300 l water. On dense stands of nutsedge in maize, grain sorghum, potatoes and groundnuts, the rate of **Basagran®** must be increased to 4 l/ha, and in extreme cases to 5 l/ha and 500 l/ha water must be used. Under these conditions, the use of hollow cone nozzles and a spray pressure of 500 kPa is recommended, and the addition of a surfactant/sticker is advisable.
- The duration of control obtained is dependent on the state of germination of yellow nutsedge and on the conditions prevailing before, during and after the spray operation, as described above.
- On **Capsicum crops** (chillies, peppers and paprika) **Basagran®** should always be applied as a directed spray to target the weeds, in order to avoid contact with the crop.
- A **second application of Basagran®** will be necessary if a second flush of yellow nutsedge has to be controlled, or if re-growth occurs.
- **Spot treatments** can be carried out with a mixture of 1 l **Basagran®** in 100 l water (1%) if conditions are favourable, as described above. Ensure thorough wetting of plants, but do not exceed the dosage rate per area as recommended in the **APPLICATION TABLES**.
- **Under less favourable conditions**, yellow nutsedge will only be suppressed and re-growth might occur. In this case a second application of **Basagran®**, at 7 – 10 days after the first application, may be necessary. Under these conditions, the addition of a surfactant/sticker, is advisable.
- **Under adverse conditions**, e.g. drought, cold weather, dry windy conditions and low air humidity, **Basagran®** will not control yellow nutsedge.

NOTE 2

- If growing conditions are extremely favourable, the following weeds can be effectively controlled with **Basagran®** at 1,5 l/ha, if they have not reached the 4-leaf stage:

SCIENTIFIC NAME	COMMON NAME
<i>Acanthospermum hispidum</i>	Upright starbur
<i>Bidens pilosa</i>	Common blackjack
<i>Datura ferox</i>	large thorn apple
<i>Datura stramonium</i>	Common thorn apple
<i>Nicandra physaloides</i>	Apple of Peru
<i>Xanthium strumarium</i>	Cocklebur

NOTE 3

- The degree of control of the following weeds can vary considerably, according to local conditions.

SCIENTIFIC NAME	COMMON NAME
<i>Commelina benghalensis</i>	Bengal wandering Jew
<i>Richardia brasiliensis</i>	Mexican richardia
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Tribulus terrestris</i>	Common dubbeltjie

- Improved control of the weeds mentioned here above in maize and grain sorghum, can be obtained by adding atrazine to the **Basagran®** spray mixture, according to the recommendations in the **APPLICATION TABLE** for **Basagran®** + atrazine 500 g/l SC.

APPLICATION TABLE FOR Basagran® ONLY

CROP/WEED	DOSAGE	DIRECTIONS FOR APPLICATIONS
BEANS (Dry beans, *green beans) See WARNINGS Broadleaf weeds	2–3 l/ha	Use 2 l/ha before beans have reached the 2-trifoliolate leaf stage, thereafter up to 3 l/ha may be sprayed. Do not spray before the 1st trifoliolate leaf is fully expanded. Basagran® may cause transient scorch on beans that can be prolonged with the later applications, but will have no depressing effect on the yields. * Note: Green beans – In the inland regions and especially under weather conditions with a very high sun intensity, Green beans must not be sprayed with more than 2 l/ha Basagran® , as higher rates may cause crop damage.

CROP/WEED	DOSAGE	DIRECTIONS FOR APPLICATIONS
Yellow nutsedge	3 l/ha	For information refer to NOTE 1 Yellow nutsedge control . The rate of 3 l/ha must not be exceeded as higher rates may cause crop damage.
CAPSICUM CROPS (Chillies, peppers and paprika). Broad leaf weeds	2–3 l/ha	Basagran ® should always be applied as a directed spray, in order to avoid direct contact with the crop. The use of drop arms is highly recommended. Due to the drift of the spray solution, that is likely to occur, transient scorch on the leaves may be observed. This will however not depress the yield.
Yellow nutsedge	3 l/ha	For information refer to NOTE 1 Yellow nutsedge control .
GROUNDNUTS See WARNINGS Broadleaf weeds	2–3 l/ha	Apply Basagran ® from the 1st trifoliate leaf stage onwards. A second application may be made, if there are problems with late germinating weeds.
Yellow nutsedge	3–5 l/ha	For information refer to NOTE 1 Yellow nutsedge control .
MAIZE, SORGHUM, WHEAT and other small grain crops Broadleaf weeds	2–3 l/ha	Basagran ® may be sprayed on cereals at any stage of their development, provided that weed growth corresponds to the growth stage as listed in the APPLICATION TABLE .
Yellow nutsedge	3–5 l/ha	For information refer to NOTE 1 Yellow nutsedge control .
SOYA BEANS See WARNINGS Broadleaf weeds	2–3 l/ha	Apply Basagran ® from the 2nd trifoliate leaf stage onwards. a separate application can be made if there are problems with late germinating weeds. Basagran ® may cause transient scorch on soya beans, that can be prolonged with the later applications, but will not have a depressing effect on yields.
Yellow nutsedge	3 l/ha	For information refer to NOTE 1 Yellow nutsedge control . The rate of 3 l/ha per application must not be exceeded as higher rates can cause crop damage.
PEAS Broadleaf weeds	2–3 l/ha	Basagran ® may be sprayed on peas when they are 50–150 mm high, provided that weed growth corresponds to the growth stage, as listed in the APPLICATION TABLE . Do not use Basagran ® on frost-damaged peas and/or if crop is under stress (cold, drought), or if frost is expected.
Yellow nutsedge	3 l/ha	For information refer to NOTE 1 Yellow nutsedge control . The rate of 3 l/ha per application must not be exceeded as higher rates can cause crop damage.

CROP/WEED	DOSAGE	DIRECTIONS FOR APPLICATIONS
POTATOES Only cultivars Up-to-date, BP1 and Van der Plank Broadleaf weeds Yellow nutsedge	2–3 l/ha 3–5 l/ha	Basagran ® should be applied after the potatoes have fully emerged and a good stand of plants has been obtained, but before the flower bud-stage of the crop. Basagran ® will cause transient scorch on the leaves but this will not depress the yield. Do not apply on large potato plants as this will reduce weed control due to the shading effect. For information refer to NOTE 1 Yellow nutsedge control.

APPLICATION TABLE for Basagran® + atrazine 500 g/l SC.

CROP	SOIL TYPE	DOSAGE/HA	DIRECTIONS FOR APPLICATIONS
MAIZE Broadleaf weeds	All types	2 l Basagran ® + 2 l atrazine 500 g/l SC	Apply recommended mixture for better control of Pigweed, Mexican richardia, Dwarf marigold and Common dubbeltjie. Refer to WARNINGS on this label and USE RESTRICTIONS on the atrazine label.
GRAIN SORGHUM Broadleaf weeds	Only on soils with more than 16% clay	2 l Basagran ® + 2 l atrazine 500 g/l SC	

WEEDS CONTROLLED BY Basagran® ALONE

SCIENTIFIC NAME	COMMON NAME	NOTE NUMBER	LEAF STAGE	
			2 l/ha	3 l/ha
<i>Acanthospermum hispidum</i>	Upright starbur	NOTE 2	6	8
<i>Argemone subfusiformis</i>	Mexican poppy		4	6
<i>Bidens pilosa</i>	Common blackjack	NOTE 2	4	6
<i>Chenopodium album</i>	White goosefoot		2	4
<i>Cleome monophylla</i>	Single-leaved cleome		4	6
<i>Commelina benghalensis</i>	Bengal commelina	NOTE 3	–	4
<i>Datura stramonium</i>	Common thorn apple	NOTE 2	6	8
<i>Datura ferox</i>	Large thorn apple	NOTE 2	6	8
<i>Galinsoga parviflora</i>	Small-flowered quickweed		4	6
<i>Hibiscus trionum</i>	Bladder hibiscus		4	6
<i>Ipomoea purpurea</i>	Morning glory		–	4
<i>Nicandra physaloides</i>	Apple of Peru	NOTE 2	4	6
<i>Portulaca oleracea</i>	Common purslane		4	6

SCIENTIFIC NAME	COMMON NAME	NOTE NUMBER	LEAF STAGE	
			2 l/ha	3 l/ha
<i>Raphanus raphanistrum</i>	Wild radish		4	6
<i>Richardia brasiliensis</i>	Mexican richardia	NOTE 3	–	2
<i>Schkuhria pinnata</i>	Dwarf marigold	NOTE 3	2	4
<i>Senecio consanguineus</i>	Rag wort		4	6
<i>Sida spinosa</i>	Sida		4	6
<i>Tagetes minuta</i>	Tall khaki weed		4	6
<i>Tribulus terrestris</i>	Common dubbeltjie	NOTE 3	2	4
<i>Xanthium strumarium</i>	Large cockle bur	NOTE 2	6	8

ADDITIONAL WEEDS CONTROLLED BY A TANK MIXTURE OF Basagran® + atrazine 500 g/l SC

ONLY MAIZE AND GRAIN SORGHUM		DOSAGE 2 l/ha + 2 l/ha
SCIENTIFIC NAME	COMMON NAME	LEAF STAGE
<i>Amaranthus deflexus</i>	Pigweed	4
<i>Amaranthus hybridus</i>	Cape pigweed	4
<i>Amaranthus spinosus</i>	Thorny pigweed	4

CONTROL OF THE FOLLOWING WEEDS WILL BE IMPROVED BY THE TANK MIXTURE OF Basagran® + atrazine 500 g/l SC

ONLY MAIZE AND GRAIN SORGHUM		DOSAGE 2 l/ha + 2 l/ha
SCIENTIFIC NAME	COMMON NAME	LEAF STAGE
<i>Richardia brasiliensis</i>	Mexican richardia	4
<i>Schkuhria pinnata</i>	Dwarf marigold	4
<i>Tribulus terrestris</i>	Common dubbeltjie	4

CONDITIONS OF SALE AND WARRANTY

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of this product in a manner inconsistent with its labeling, all of which are beyond the control of BASF South Africa (Pty) Ltd. ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of the Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

Basagran[®] is a registered trademark of BASF

AFRIKAANS

WAARSKUWINGS

Gevaarverklarings

- Veroorsaak oogirritasie.
 - Skadelik indien ingestuk.
 - Mag allergiese velreaksie veroorsaak.
 - Skadelik vir waterlewendende organismes.
- Stoor in 'n koel, droë plek weg van kos, voer en saad.
 - Hou buite bereik van kinders, oningeligte persone en diere.
 - Gewasbeskadiging mag voorkom as opvolggewasse, behalwe mielies, gedurende dieselfde seisoen op lande geplant word, wat met 'n mengsel van **Basagran**® en atrasien behandel is.
 - **Basagran**® moet verkieslik nie op peulgewasse, wat met 'n organofosfaat insekdoder korrelformulasie geplant is, toegedien word nie, omdat 'n kombinasie van die produkte gewasskade mag veroorsaak. Raadpleeg die verskaffer vir advies.
 - HERBETREDING: Moet nie die behandelde gebied betre vir 1 dag na die bespuiting nie, tensy beskermende oorklere gedra word.

Alhoewel hierdie middel onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie, aangesien die werking en effek daarvan, deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie, en die voorkoms van weerstand by onkruid teen die betrokke middel beïnvloed kan word, die metode, tyd en akkuraatheid van toediening kan ook die werking en doeltreffendheid van die middel beïnvloed. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing nie, of vir nadelige effek op mens of dier nie, of vir onvoldoende prestasie van die betrokke middel weens die versuim van die gebruiker om etiketaanwysings na te kom nie, of weens toestande wat nie kragtens die registrasie voorsien kan word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.

VOORSORGMATREËLS

Voorsorgverklarings:

- Indien mediese advies benodig word, hou die produkhouer of etiket byderhand.
 - Hou buite bereik van kinders.
 - Lees sorgvuldig en volg alle instruksies.
 - Vermyn inaseming van poeier/walm/gas/stuifsel/dampe/spuitstof.
 - Besoedelde werksklere moet nie buite die werksplek toegelaat word nie.
 - Moenie eet, drink of rook wanneer hierdie produk gebruik word nie.
 - Was hande en besoedelde liggaamsdele deeglik na hantering.
 - Dra beskermende handskoene / beskermende klere / oogbeskerming / gesigbeskerming.
 - **NDIEN IN OË:** Spoel versigtig met water vir etlike minute. Verwyder kontaklense indien aanwesig en maklik om te verwyder. Hou aan met spoel.
 - **INDIEN OP VEL:** Was met baie seep en water.
 - Indien velirritasie of uitslag ontstaan: Kry mediese hulp.
 - **INDIEN INGESLUK:** Skakel 'n GIFBEHEERSENTRUM of geneesheer.
 - Spoel mond uit.
 - Trek alle besoedelde klere uit en was dit voor hergebruik.
 - Indien oogirritasie voortduur: Verkry mediese hulp.
 - Raak ontslae van inhoud/houer deur na 'n gevaarlike- of spesiale-afval insamelingsplek te besorg.
- Verhoed wegdrywing van spuitnewel na ander gewasse, weivelde, riviere en damme.
 - Was spuittoestel met skoon water uit, voor gebruik van ander middels.
 - **SPOEL LEË HOUER DRIE KEER AS VOLG:** Keer die leë houer oor die spuit of mengtenk om en dreineer vir minstens 30 sekondes nadat die vloeitot 'n gedrupt verminder het Spoel daarna die leë houer drie keer na mekaar met een kwart van die houervolume vars water en giet die spoelwater in die spuittenk of mengtenk oor Kap gate in die drie keer gespoelde houer waarna dit aan 'n goedgekeurde versamelaar of verwerker oorhandig moet word (www.croplife.co.za) Moet nie die houer begrawe, verbrand of aan enige ander partye skenk wat dit as houer vir voedsel of drinkgoed mag gebruik nie
 - Vermyn besoedeling van voedsel, voer, eetgerei en drinkwater.

RELEVANTE STOWWE

Gevaarlike bestanddele Volgens UN GHS kriteria	CAS nommer	Konsentrasie (W/W)
3-Isopropyl-1H-2,1,3-benzothiazin-4(3H)-one 2,2-dioxide, sodium salt	50723-80-3	44 %

NOODHULPBEHANDELING

Verwyder besmette klere.

INDIEN IN DIE OË:	Spoel oë dadelik vir ten minste 15 minute met lopende water uit terwyl die ooglede oopgehou word, raadpleeg 'n oogspesialis.
INDIEN INGESLUK:	Spoel mond uit en drink 200 – 300 ml water, kry mediese hulp.
INDIEN OP DIE VEL:	Was deeglik met seep en water.
INDIEN INGEASEM:	Hou pasiënt kalm, verwyder na vars lug, kry mediese hulp.

Aanduiding van enige onmiddellike mediese aandag en spesiale behandeling wat nodig is

Behandeling: Behandel volgens simptome (dekontaminasie, lewensbelangrike funksies), geen bekende spesifieke teenmiddel nie.

WAARSKUWING TEEN WEERSTAND

Basagran® is 'n HRAC Groepkode 6 onkruidodder. Enige populasie van 'n spesifieke onkruid, mag individue insluit, wat 'n natuurlike weerstand teen **Basagran®**, of enige ander Groepkode 6 onkruidodder het. Indien hierdie onkruidodders in herhaaldelike en eksklusiewe programme aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **Basagran®** of enige ander Groepkode 6 onkruidodder, beheer word nie.

Om weerstand teen onkruidodders te vertraag:

- Verminder die eksklusiewe herhaaldelike gebruik van onkruidodders in dieselfde Onkruidoddergroepkode. Wissel af met, of gebruik tenkmengels van produkte in verskillende Onkruidoddergroepkodes.
- Sien toepaslike individuele produketikette wanneer daar afgewissel word, of tenkmengels gebruik word, met produkte in ander Onkruidoddergroepkodes.
- Integreer ander beheermaatreëls (chemies en verbouing), in onkruidodderprogramme.

VIR SPESIFIEKE INLIGTING OOR WEERSTANDBESTUUR, KONTAK DIE REGISTRASIEHOUER, BASF SOUTH AFRICA (Edms) Bpk.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS VOORGESKRYF

GEBRUIKSBEPERKINGS

- Moenie **Basagran®** gebruik indien ryp dreig en/of as die gewas aan hewige koue blootgestel is nie.
- Grasse en rooiuintjies (*Cyperus rotundus*), word nie deur **Basagran®** beheer nie.

Verenigbaarheid:

Basagran® is verenigbaar met atrasien 500 g/t SC.

Toedienings:

Dien **Basagran**[®] toe, as 'n vroeë na-opkomsbespuiting, wanneer onkruid jonk is en aktief groei. **Basagran**[®] is 'n kontakonkruiddoder, dus is dit belangrik om die onkruid deeglik te benat. Reënvál of sprinkelbesproeiing binne agt ure na toediening kan die uitwerking van **Basagran**[®] vernietig. Dien **Basagran**[®] toe in 'n minimum van 300 ℓ water per hektaar. Gebruik platwaaier- of holkeëlsputpunte, met 'n spuitdruk van 350 kPa.

Aanbevelings vir breëblaaronkruidbeheer

- Warm en vogtige weersomstandighede, is noodsaaklik vir goeie onkruidbeheer. Droogte-toestande, voor-, gedurende- en ná toediening, sal lei tot 'n afname in doeltreffendheid.
- Onkruid en geeluintjiebolle, wat gedurende bespuiting nie ontkiem het nie, sal nie beheer word nie. Dus moet laatontkiemende onkruid herbespuit word.

NOTA 1

Geeluintjiebeheer:

- Beheer van geeluintjies (*Cyperus esculentus*) wat reeds opgekom het kan bereik word indien gunstige toestande geheers het voor- en tydens toediening, soos warm en vogtige weer (relatiewe lugvog nie onder 65% nie) en voldoende grondvog vir optimale plantegroei. Die meerderheid van die geeluintjieplante moet verder as die vierblaarstadium ontwikkel wees wanneer bespuiting plaasvind.
- 'n Minimum van 3 t/ha **Basagran**[®] moet toegedien word in nie minder nie as 300 ℓ water/ha. In 'n digte stand van uintjies in mielies, graansorghum, aartappels en grondbone, moet die hoeveelheid **Basagran**[®] na 4 t/ha, en in uiterste gevalle na 5 t/ha, verhoog word en moet 500 ℓ water/ha gebruik word. Onder hierdie omstandighede word die gebruik van holkeëlsputpunte en 'n spuitdruk van 500 kPa aanbeveel, en die byvoeging van 'n benatting/kleefmiddel is raadsaam.
- Die tydperk en graad van beheer sal afhang van die stand van ontkieming van die uintjies en toestande wat geheers het voor-, gedurende- en na bespuiting, soos bo genoem.
- Om direkte kontak met die **Capsicum** gewasse (rooirissies, groenrissies en paprika), te vermy, moet **Basagran**[®] altyd as 'n gerigte bespuiting op die onkruid, toegedien word.
- 'n **Tweede toediening van Basagran**[®] sal nodig wees, indien die groei van laat ontkiemende uintjiebolle beheer moet word, of indien hergroei plaasvind.
- **Kolbehandeling** van geeluintjies kan uitgevoer word met 'n mengsel van 1 ℓ **Basagran**[®] in 100 ℓ water (1%), mits die toestande gunstig is soos bo genoem. Sorg vir goeie benatting van plante, maar die toedieningshoeveelheid per oppervlak, soos aanbeveel in die **TOEDIENINGSTABEL**, moenie oorskry word nie.
- **Onder minder gunstige toestande**, sal uintjies net onderdruk word en hergroei kan voorkom. In hierdie geval sal nog 'n tweede toediening van **Basagran**[®], 7 – 10 dae na die eerste toediening, nodig wees. Onder hierdie toestande word die byvoeging van 'n benattings-/kleefmiddel aanbeveel.
- **Onder ongunstige toestande** soos droogte, koue weer of droë, minderige toestande en baie lae lugvogtigheid, sal **Basagran**[®] nie geeluintjies beheer nie.

NOTA 2

- Waar groeitoestande uiters gunstig is, kan die volgende onkruid met 1,5 ℓ **Basagran**[®]/hektaar doeltreffend beheer word, mits die onkruid nog nie die 4-blaarstadium bereik het nie.

WETENSKAPLIKE NAAM	GEWONE NAAM
<i>Acanthospermum hispidum</i>	Regop sterklits
<i>Bidens pilosa</i>	Gewone knapsekêrel
<i>Datura ferox</i>	Grootstinkblaar
<i>Datura stramonium</i>	Gewone stinkblaar
<i>Nicandra physaloides</i>	Basterappelliefie
<i>Xanthium strumarium</i>	Kankerroos

NOTA 3

- Die beheer van die volgende onkruidsoorte kan, afhangende van die plaaslike toestande, baie wisselvallig wees:

WETENSKAPLIKE NAAM	GEWONE NAAM
<i>Commelina benghalensis</i>	Bengaalse wandelende Jood
<i>Richardia brasiliensis</i>	Tropiese richardia
<i>Schkuhria pinnata</i>	Kleinkakiebos
<i>Tribulus terrestris</i>	Gewone dubbeltjie

- In mielies en graansorghum kan verbeterde beheer van bogenoemde onkruid verkry word deur atrasien by die **Basagran**[®] spuitmengsel te voeg, volgens die aanbeveling in die **TOEDIENINGSTABEL** vir **Basagran**[®] + atrasien 500 g/ℓ SC.

TOEDIENINGSTABEL VIR **Basagran**[®] ALLEEN

GEWAS/ONKRUID	DOSIS	GEBRUIKSAANBEVELINGS
BONE (Droëbone, *groenbone) kyk WAARSKUWINGS Breëblaaronkruid	2 – 3 ℓ/ha	Gebruik 2 ℓ/ha voordat bone die tweede driebladstadium bereik het, daarna mag tot 3 ℓ/ha gespuet word. Moenie spuit voordat die eerste driebladblaar volkome ontwikkel het nie. Basagran [®] mag tydelike skroei op bone veroorsaak wat met latere toedienings mag voortduur, maar dit sal nie die oes benadeel nie. *Nota: Groenbone – In die binnelandse streke en in besonder onder weerstoestande met baie hoë sonintensiteit, moet groenbone nie met meer as 2 ℓ Basagran [®] /hektaar gespuet word nie. 'n Hoër hoeveelheid mag skade veroorsaak.

GEWAS/ONKRUID	DOSIS	GEBRUIKSAANBEVELINGS
Geeluintjies	3 l/ha	Vir inligting verwys na NOTA 1 Geeluintjiebeheer . Die toedieningshoeveelheid van 3 l/ha moenie oorskry word nie, want hoër toedieningshoeveelhedes kan die plante beskadig.
CAPSICUM GEWASSE (Paprika, rooirissies en groenrissies). Breëblaaronkruid	2 – 3 l/ha	Basagran [®] moet altyd as 'n gerigte bespuiting toegedien word om direkte kontak met die gewas te vermy. Die gebruik van valarms word ten sterkste aanbeveel. Brandskade op die blare, veroorsaak deur wegdrywing van die spuitmengsel, kan waargeneem word, maar is van verbygaande aard. Dit sal nie 'n verlaging in oesopbrengs te- weegbring nie.
Geeluintjies	3 l/ha	Vir inligting, verwys na NOTA 1 Geeluintjiebeheer .
GRONDBONE Kyk WAARSKUWINGS Breëblaaronkruid	2 – 3 l/ha	Dien Basagran [®] toe, vanaf die eerste driebladstadium. 'n Tweede bespuiting mag toegedien word indien daar probleme ondervind word met laat ontkiemende onkruid.
Geeluintjies	3 – 5 l/ha	Vir inligting, verwys na NOTA 1 Geeluintjiebeheer .
MIELIES, GRAAN-SORGHUM, KORING en ander kleingraan Breëblaaronkruid	2 – 3 l/ha	Basagran [®] mag op graan, gedurende enige groeistadium gespuit word, mits die onkruidgroeï ooreenstem met die groeistadiums soos aangedui in die TOEDIENINGSTABEL .
Geeluintjies	3 – 5 l/ha	Vir inligting, verwys na NOTA 1 Geeluintjiebeheer .
SOJABONE Kyk WAARSKUWINGS Breëblaaronkruid	2 – 3 l/ha	Dien Basagran [®] toe vanaf die tweede drieblad-stadium. 'n Tweede bespuiting mag toegedien word indien daar probleme met laat ontkiemende onkruid ondervind word. Basagran [®] mag tydelike skroei op sojabone veroorsaak wat met latere toedienings mag voortduur, maar dit sal nie die opbrengs nadelig beïnvloed nie.
Geeluintjies	3 l/ha	Vir inligting verwys na NOTA 1 Geeluintjiebeheer . Die toedieningshoeveelheid van 3 l/ha moenie oorskry word nie, want 'n hoër toedieningshoeveelheid kan die plante beskadig.
ERTJIES Breëblaaronkruid	2 – 3 l/ha	Basagran [®] kan op ertjies gespuit word indien hulle 50 – 150 mm. hoog is, mits die onkruidgroeï ooreenstem met die groeistadium soos aangedui in die TOEDIENINGSTABEL . Moenie op ertjies spuit wat as gevolg van ryp of droogte beskadig is nie, of as ryp verwag word nie.
Geeluintjies	3 l/ha	Vir inligting verwys na NOTA 1 Geeluintjiebeheer . Die toedieningshoeveelheid van 3 l/ha moenie oorskry word nie, want 'n hoër toedieningshoeveelheid kan die plante beskadig.

GEWAS/ONKRUID	DOSIS	GEBRUIKSAANBEVELINGS
AARTAPPELS Slegs kultivars Up-to-date, BP1 en Van der Plank Breeëblaaronkruid	2 – 3 ℓ/ha	Dien Basagran [®] toe nadat die aartappels volledig opgekom het en 'n goeie plantestand verkry is, maar voor die blomknopstadium. Basagran [®] sal tydelike skroei van die blare veroorsaak, maar die opbrengs sal nie daardeur benadeel word nie. Moenie op groot plante spuit nie, omdat die onkruidbeheer benadeel sal word as gevolg van die afskermingseffek.
Geeluintjies	3 – 5 ℓ/ha	Vir inligting verwys na NOTA 1 Geeluintjiebeheer .

TOEDIENINGSTABEL vir Basagran[®] + atrasien 500 g/SC

GEWAS	GRONDSOORT	DOSIS/HA	GEBRUIKSAANBEVELINGS
MIELIES Breeëblaaronkruid	Alle grondsoorte	2 ℓ Basagran [®] + 2 ℓ atrasien 500 g/ℓ SC	Dien aanbevole mengsel toe vir beter beheer van misbredie, meksikaanse richardia, klein kakiebos en gewone dubbeltjie.
GRAANSORGHUM Breeëblaaronkruid	Slegs op gronde met meer as 16% klei	2 ℓ Basagran [®] + 2 ℓ atrasien 500 g/ℓ SC	Lees WAARSKUWINGS op hierdie etiket en GEBRUIKSBEPERKINGS op die atrasien etiket.

ONKRUIDE DEUR Basagran[®] ALLEEN BEHEER

BOTANIESE NAAM	GEWONE NAAM	NOTA NOMMER	BLAARSTADIUM	
			2 ℓ/ha	3 ℓ/ha
<i>Acanthospermum hispidum</i>	Regopsterklits	NOTA 2	6	8
<i>Argemone subfusiformis</i>	Meksikaanse papawer		4	6
<i>Bidens pilosa</i>	Gewone knapsekêrel	NOTA 2	4	6
<i>Chenopodium album</i>	Withondebossie		2	4
<i>Cleome monophylla</i>	Enkelblaarcleome		4	6
<i>Commelina benghalensis</i>	Bengaalse commelina	NOTA 3	-	4
<i>Datura stramonium</i>	Gewone stinkblaar	NOTA 2	6	8
<i>Datura ferox</i>	Groot stinkblaar	NOTA 2	6	8
<i>Galinsoga parviflora</i>	Knopkruid		4	6
<i>Hibiscus trionum</i>	Terblansbossie		4	6
<i>Ipomoea purpurea</i>	Purperwinde		-	4
<i>Nicandra physaloides</i>	Basterappelliefie	NOTA 2	4	6
<i>Portulaca oleracea</i>	Gewone porslein		4	6
<i>Raphanus raphanistrum</i>	Ramenas		4	6
<i>Richardia brasiliensis</i>	Meksikaanse richardia	NOTA 3	-	2

<i>Schkuhria pinnata</i>	Kleinkakiebos	NOTA 3	2	4
<i>Senecio consanguineus</i>	Hongerbos senecio		4	6
<i>Sida spinosa</i>	Sida		4	6
<i>Tagetes minuta</i>	Langkakiebos		4	6
<i>Tribulus terrestris</i>	Gewone dubbeltjie	NOTA 3	2	4
<i>Xanthium strumarium</i>	Kankerroos	NOTA 2	6	8

ADDISIONELE ONKRUIDE WAT MET 'N MENGSEL VAN Basagran® EN atrasien 500 g/l SC BEHEER WORD

SLEGS MIELIES EN GRAANSORGHUM		DOSIS 2 t/ha + 2 t/ha
ONKRUID	GEWONE NAAM	BLAARSTADIUM
<i>Amaranthus deflexus</i>	Misbredie	4
<i>Amaranthus hybridus</i>	Kaapse misbredie	4
<i>Amaranthus spinosus</i>	Doringmisbredie	4

BEHEER VAN DIE VOLGENDE ONKRUIDE SAL MET DIE TENKMENGSEL VAN Basagran® EN atrasien 500 g/l SC VERBETER WORD

SLEGS MIELIES EN GRAANSORGHUM		DOSIS 2 t/ha + 2 t/ha
ONKRUID	GEWONE NAAM	BLAARSTADIUM
<i>Richardia brasiliensis</i>	Meksikaanse richardia	4
<i>Schkuhria pinnata</i>	Kleinkakiebos	4
<i>Tribulus terrestris</i>	Gewone dubbeltjie	4

VERKOOPSVORWAARDES EN WAARBORG

Die **GEBRUIKSAANWYSINGS** van hierdie produk weerspieël die opinie van kundiges, gebaseer op gebruik in die veld en in proewe. Die aanwysings word as betroubaar geag en moet noukeurig nagekom word. Dit is egter onmoontlik om alle risiko's wat inherent met die gebruik van hierdie produk geassosieer word, uit te skakel. Gewasskade, oneffektiwiteit of ander onopsetlike gevolge mag voorkom as gevolg van faktore soos weerstoestande, teenwoordigheid van ander materiale, of wanneer die produk op 'n wyse wat teenstrydig met die etiket is, gebruik word; dit alles is buite die beheer van BASF Suid-Afrika (Edms) Bpk ("BASF") of die Verkoper. In die mate waarin dit in ooreenstemming met toepaslike wetgewing is, sal alle risiko's deur die Koper aanvaar word. BASF waarborg dat hierdie produk aan die vereistes van die chemiese beskrywing op die etiket voldoen, en is redelikerwys geskik vir die gebruiksdoeleindes soos uiteengesit in die **GEBRUIKSAANWYSINGS**, onderhewig aan die inherente risiko's, soos hierbo na verwys.

IN DIE MATE WAT DIT MET TOEPASLIKE WETGEWING OOREENSTEM, GEE BASF GEEN ANDER UITDRUKKING OF GEIMPLISEERDE WAARBORG VAN GESKIKTHEID OF VERKOOPSVERNUF OF ENIGE ANDER UITDRUKKING OF GEIMPLISEERDE WAARBORG NIE. IN DIE MATE WAT DIT MET TOEPASLIKE WETGEWING OOREENSTEM, SAL DIE KOPER SE UITSLUITLIKE REGSMIDDEL EN BASF SE UITSLUITLIKE AANSPREEKLIKHEID, HETSY IN KONTRAK, ONREGMATIGHEID, NALATIGHEID, STRENG AANSPREEKLIKHEID, OF ANDERSINDS, BEPERK WORD TOT TERUGBETALING VAN DIE AANKOOPPRYS VAN DIE PRODUK. IN DIE MATE WAT DIT MET TOEPASLIKE WETGEWING OOREENSTEM, DOEN BASF EN DIE VERKOPER, AFSTAND VAN ENIGE AANSPREEKLIKHEID TEN OPSIGTE VAN VOORTSPRUITENDE SKADE, SKADEVERGOEDING, SPESIALE OF INDIREKTE SKADE, UIT DIE GEBRUIK OF HANTERING VAN HIERDIE PRODUK.

BASF en die Verkoper bied hierdie produk aan, en die Aankoper en Gebruiker aanvaar dit, onderhewig aan die voorafgaande Verkoopvoorwaardes en Waarborg, wat slegs gewysig mag word deur 'n skriftelike ooreenkoms, wat na behore deur 'n gemagtigde verteenwoordiger van BASF onderteken is.

Basagran® is 'n geregistreerde handelsmerk van BASF

BASF
We create chemistry

Basagran

Reg. No. L2916; N-AR 0802

Act No. 36 of 1947

**READ ATTACHED PACKAGE OR LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

GROUP	6	HERBICIDE
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A water soluble solution contact herbicide, for the post-emergent control of certain broadleaf weeds and yellow nutsedge in beans, groundnuts, soya beans, peas, maize, grain sorghum, small grain, potatoes, chillies, peppers and paprika.

'n Wateroplosbare vloeistof kontakkonkruiddoder, vir na-opkomsbeheer van sekere breëblaaronkruid en geeluintjies in bone, grondbone, sojabone, ertjies, mielies, graansorghum, kleingraan en aartappels, paprika, rooirissies en groenrissies.

WARNING

Causes eye irritation.
Harmful if swallowed.
May cause an allergic skin reaction.
Harmful to aquatic life.
Wear protective gloves/clothing/eye protection.
Do not eat, drink or smoke when using this product.



Active ingredients / Aktiewe bestanddele:

Bendioxide (thiadiazine).....480 g/l

Registered by:

BASF South Africa (Pty) Ltd
Co. Reg. No. 66/10235/07
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81164032 ZA 2092



Batch No. & Date manufactured: Refer to details printed on container
Lotnommer & Datum vervaardig: Vervys na besonderhede gedruk op houer
EMERGENCY NUMBER / NOODNOMMER: +27 82 446 8946

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